



Announcement and request for submission of contributions

September 24th–26th, 2019

Institute of Agricultural Engineering, University of Bonn,
Bonn (Germany)



UNIVERSITÄT

BONN

14th Conference: Construction, Engineering and Environment 2019
in Livestock Farming

Information

The Kuratorium für Technik und Bauwesen in der Landwirtschaft e.V. (KTBL) and the Max Eyth Society for Agricultural Engineering – subunit of the Association of German Engineers (VDI-MEG) – together with the Chair of Livestock Technology of the Institute of Agricultural Engineering of the University of Bonn invite to the

14th Conference

„Construction, Engineering and Environment in Livestock Farming“

September 24th-26th, 2019

at the University of Bonn

Animal husbandry is caught between the conflicting contexts of animal welfare, environmental protection, and food-safety. In order to make the overall debate more objective, scientific research and professional discourses are necessary. Therefore, we invite all research institutes and other institutions to present their current results on that matter and to join the professional discussion at the BTU-Conference 2019 at University of Bonn.

The conference "Construction, Engineering and Environment in Livestock Farming" (BTU) held every two years is the scientific stage for presentations and discussions on the latest research results. In the upcoming conference inputs on the current research results, on efficient and promising approaches as well as future developments and concepts for a sustainable husbandry are to be presented. Also innovative scientific methods and approaches shall be introduced and discussed. The BTU is the unique meeting place for science, economy, consulting and management for the topic of construction and technique in livestock farming. Besides presentations and posters there will be time for conversations as well as establishing and maintaining contacts.

During a special session, manufacturer and industry have the opportunity to present innovative systems. Aside from presenting concepts and strategies of market-related products, a qualitative and quantitative evaluation is expected and desired.

Announcement

Request for submission of contributions

The Chair of Livestock Technology of the Institute of Agricultural Engineering of the University of Bonn invites scientists, engineers, advisers and manufacturers from home and abroad to submit contributions in the form of an oral or a poster presentation.

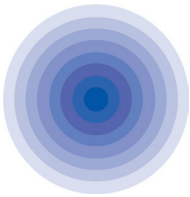
The scientific contributions should deal with innovative and future-oriented technological developments, strategies and solutions within the following topics concerning farm animals (cattle, pigs, sheep, goats, horses and poultry):

- Animal-friendly husbandry systems
- System evaluation including animal welfare criteria
- Precision Livestock Farming and Smart Farming applications (sensors, automation, networking, data management)
- Feed and water supply
- Barn climate (ventilation, heating, cooling, air quality)
- Milking systems and udder health
- Manure removal and manure processing
- Labour requirements, management concepts and organization
- Design, construction, materials and costs of buildings
- Quality control and documentation
- Environmental impacts, emissions, immission control and climate protection
- Sustainable production, mass and energy efficiency
- Consumer acceptance, public discussion and ethics of animal husbandry

Please send an abstract of your contribution until
December 1st, 2018 to the e-mail address
btu-2019@uni-bonn.de.

Registration

To register for the conference, please visit www.btu-tagung.de.



Instructions for authors

The abstract of oral or poster presentations must include the following information:

- Title of the contribution
- Author/authors with full business address incl. e-mail address
- Clear description: objectives, material and methods, results on max. two DIN A4 pages or approximately 400 words including tables and illustrations
- Type of presentation: oral or poster
- Conference topic it should be assigned to
- Language of oral presentation: German or English

Based on the abstract, the programme committee will decide on the acceptance. Authors of accepted contributions will be notified early.

Conference proceedings with full-length papers will be available at the conference. Deadline is April 1st, 2019.

We will inform you via e-mail about accepted contributions. Instructions for compiling the paper are available on btu-tagung.de.

The final conference programme and further information about the conference will be available at:

www.btu-tagung.de

Important deadlines	
Abstract submission	December 1 st , 2018
Full paper submission	April 1 st , 2019
Early bird registration	July 1 st , 2019

Programme committee

Chairman

Prof. Dr. Wolfgang Büscher
University of Bonn, Bonn (Germany)

Members

Prof. Dr. Thomas Amon
Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Potsdam (Germany)

Prof. Dr. Heinz Bernhardt
Technical University of Munich (TUM), Munich (Germany)

Dipl.-Ing. Sebastian Bönsch
Chamber of Agriculture of Lower Saxony, Oldenburg (Germany)

Prof. Dr. Eva Gallmann
University of Hohenheim, (Germany)

Prof. Dr. Andreas Gronauer
University of Natural Resources and Life Sciences (BOKU), Vienna (Austria)

Prof. Dr. Ir. Peter Groot Koerkamp
Wageningen University & Research, Wageningen (The Netherlands)

Prof. Dr. Eberhard Hartung
Kiel University, Kiel (Germany)

Prof. Dr. Engel Hessel
Johann Heinrich von Thünen Institute, Braunschweig (Germany)

Prof. Dr. Nicole Kemper
University of Veterinary Medicine Hannover, Foundation, Hannover (Germany)

Prof. Dr. Matthias Schick
AgroVet Strickhof, Lindau (Switzerland)

Prof. Dr. Ir. Bart Sonck
Institute for Agricultural and Fisheries Research (ILVO), Melle (Belgium)

Dr. Georg Wendl
Bavarian State Research Center for Agriculture, Freising (Germany)

Prof. Dr. Martin Ziron
South Westphalia University of Applied Sciences, Soest (Germany)

Organization

Organizer

Kuratorium für Technik und Bauwesen in der Landwirtschaft e.V. (KTBL),
Darmstadt (Germany)

Max Eyth Society for Agricultural Engineering – subunit of Association of German
Engineers (VDI-MEG), Düsseldorf (Germany)

University of Bonn, Institute of Agricultural Engineering, Chair of Livestock
Technology, Bonn (Germany)

Conference location

University of Bonn
Hörsaalzentrum Campus Poppelsdorf
53115 Bonn (Germany)

Local organization

Dr. Manuel S. Krommweh
Institute of Agricultural Engineering
University of Bonn
Nußallee 5
53115 Bonn
Tel.: +49 228 73-3081
Fax: +49 228 73-2596

Nicole Diel
Institute of Agricultural Engineering
University of Bonn
Nußallee 5
53115 Bonn
Tel.: +49 228 73-2395
Fax: +49 228 73-2596

E-Mail: btu-2019@uni-bonn.de

Participation fees

Group	Registration till July 1st, 2019 (early bird rate)	Registration (regular)
Participant	190 €	210 €
Speaker/Poster-Speaker/Moderator	175 €	190 €
Student (document required)	50 €	50 €

The participation fee includes the conference proceedings, lunch, conference drinks,
get-together and the conference dinner.

Accommodation

A list of hotels will be published on the internet address www.btu-tagung.de.